## **Amendments to the Claims**

The following listing of claims will replace all prior versions and listings of claims in this application.

- 1-25. (Previously canceled without prejudice).
- 26. (Currently amended) A method of preparing a compound of Formula

1:

$$R_1$$
 $R_2$ 
 $R_3$ 

or a pharmaceutically acceptable salt, solvate, clathrate, hydrate, or prodrug thereof, wherein  $R_1$  is substituted or unsubstituted alkyl; and each  $R_2$  and  $R_3$  is independently hydrogen or substituted or unsubstituted alkyl, which comprises contacting a compound of Formula 2:

$$R_2N$$
 $R_2N$ 
 $R_2$ 
 $R_3$ 
 $R_4$ 
 $R_5$ 
 $R_$ 

wherein X is independently a polymer bound alkyl, aryl or heteroalkyl; substituted or unsubstituted or unsubstituted or unsubstituted or unsubstituted or unsubstituted or unsubstituted ether; substituted or unsubstituted ether; substituted or unsubstituted or unsubstituted or unsubstituted or unsubstituted or unsubstituted phosphonic acid ester; substituted or unsubstituted phosphonic acid ester; substituted or unsubstituted phosphonic acid ester; substituted or unsubstituted phosphinoyl; substituted or unsubstituted sulfide; substituted or unsubstituted sulfone; substituted or unsubstituted sulfinyl imine; substituted or unsubstituted heterocycle; or NR<sub>4</sub>R<sub>5</sub>, wherein R<sub>4</sub> and R<sub>5</sub> together with the nitrogen atom to which they are attached form a heterocycle or each of R<sub>4</sub> and R<sub>5</sub> is independently hydrogen, substituted or unsubstituted aralkyl, substituted or unsubstituted heteroalkyl, substituted or unsubstituted aralkyl, substituted or unsubstituted ether, substituted or unsubstituted sulfide, or substituted or unsubstituted heterocycle; with a reagent capable of

cleaving a nitrogen-sulfur bond under conditions suitable for the formation of the compound of Formula 1.

- 27. (Currently amended) The method of claim 4 26, wherein the compounds of formulas 1 and 2 are stereomerically pure.
- 28. (Currently amended) The method of claim 4 26, wherein the compound of Formula 1 is provided as a pharmaceutically acceptable salt.
- 29. (Currently amended) The method of claim 3 28, wherein the compound of Formula 1 is provided as an acetic, benzenesulfonic, benzoic, camphorsulfonic, citric, ethenesulfonic, fumaric, gluconic, glutamic, hydrobromic, hydrochloric, isethionic, lactic, maleic, malic, methanesulfonic, mucic, nitric, pamoic, pantothenic, phosphoric, succinic, sulfuric, tartaric, or p-toluenesulfonic salt.
- 30. (Currently amended) The method of claim  $\pm$  26, wherein  $R_1$  is lower alkyl, optionally substituted with one or more hydroxyl groups.
- 31. (Currently amended) The method of claim 5 30, wherein R<sub>1</sub> is CH<sub>2</sub>CH(CH<sub>3</sub>)(CH<sub>2</sub>OR<sub>4</sub>), CH(OCH<sub>2</sub>OCH<sub>3</sub>)CH(CH<sub>3</sub>)<sub>2</sub>, CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, CH<sub>2</sub>C(CH<sub>3</sub>)<sub>2</sub>OR<sub>4</sub>, or CH<sub>2</sub>C(OR<sub>4</sub>)(CH<sub>2</sub>OR<sub>4</sub>)CH<sub>3</sub>, wherein R<sub>4</sub> is alkyl, heteroalkyl, heteroaryl, aryl, hydrogen, acyl, carbonate, carbamate, ester, or urea.
- 32. (Currently amended) The method of claim  $4 \ \underline{26}$ , wherein  $R_2$  is not the same as  $R_3$ .
- 33. (Currently amended) The method of claim  $\pm$  26, wherein  $R_2$  and  $R_3$  are both hydrogen.
- 34. (Currently amended) The method of claim  $\frac{1}{26}$ , wherein  $R_2$  is methyl and  $R_3$  is hydrogen.

- 35. (Currently amended) The method of claim + 26, wherein X is substituted or unsubstituted aralkyl, substituted or unsubstituted heterocycle, substituted or unsubstituted heteroaryl.
  - 36. (Currently amended) The method of claim 4 26, wherein X is alkyl.
  - 37. (Currently amended) The method of claim 4 26, wherein X is aryl.